

Attorney Docket No. P67564US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: HIPFEL et al.

Application No.: 10/501,814

Filed: July 19, 2004

For: DIAGNOSTIC AND THERAPEUTIC USE OF THE VOLTAGE-GATED ION CHANNEL SCN2A FOR NEURODE-GENERATIVE DISEASES

TRANSMITTAL

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith please find:

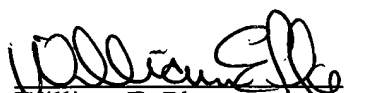
- ☒ Response/Statement Under 37 CFR 1.821(g), PTO Notice (copy), CRF of Sequence Listing, inventorship declaration, and small entity declaration.
- ☐ Petition for extension of time
- ☐ Fee payment
  - ☐ Payment Form PTO-2038 (credit card) for \$ is attached.
  - ☐ Charge \$ \* to Deposit Account No. 06-1358.
  - ☒ Small entity status established in connection with the subject application.

Fee Calculation					
Excess Claims					
	Nº of Claims	Highest Nº Paid For	Excess Claims	Small Entity Fee	Large Entity Fee
Total	*	⊖ * =	0	⊗ \$9 = \$	⊗ \$18 = \$
Ind.	*	⊖ * =	0	⊗ \$44 = \$	⊗ \$88 = \$
[ ] Multiple Dependent Claims (1 <sup>st</sup> Filing)				⊕ \$150 =	⊕ \$300 = \$
Basic filing fee				\$ 385	\$770
Surcharge-late declaration				\$ 65	\$130
Surcharge- English translation				\$ 130	\$130
Total Fee Due				??	??

- ☒ If a petition for extension of time is necessary, but not enclosed, then this acts as the petition. Charge any fees additionally necessary in connection herewith to Deposit Account No. 06-1358.

JACOBSON HOLMAN PLLC  
400 Seventh Street, N. W.  
Washington, D.C. 20004-2201  
Tel. (202) 638-6666  
Fax (202) 393-5350  
Date: May 11, 2005

By

  
William E. Player  
Registration No. 31,409

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: HIPFEL et al.

Application No.: 10/501,814

Filed: July 19, 2004

For: DIAGNOSTIC AND THERAPEUTIC USE OF THE VOLTAGE-GATED ION CHANNEL  
SCN2A FOR NEURODE-GENERATIVE DISEASES

**RESPONSE/STATEMENT UNDER 37 CFR 1.821(g)**

Mail Stop Sequence  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the PTO notice in connection 37 CFR 1.182(g), a copy of which notice is attached, hereto, submitted herewith is:

- computer readable form (CRF) of Sequence Listing.

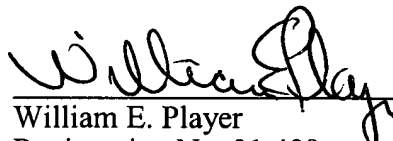
The content of the CRF and the paper copy of the Sequence Listing of record are the same and includes no new matter.

Favorable action is requested.

Respectfully submitted,

JACOBSON HOLMAN PLLC

By

  
William E. Player  
Registration No. 31,409

400 Seventh Street, N.W.  
Washington, D.C. 20004  
Tel: (202) 638-6666  
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Date: May 11, 2005  
WEP/bad



**DJC**  
**3/17/05**  
**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**TC 3-17-05**

**(WEP)**

**P67564US1**

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/501,814	Rainer Hipfel	P67564US1

00136  
 JACOBSON HOLMAN PLLC  
 400 SEVENTH STREET N.W.  
 SUITE 600  
 WASHINGTON, DC 20004

JACOBSON HOLMAN PLLC

Response Due On Or Before

5 / 11 / 05  
 Month Day Year

INTERNATIONAL APPLICATION NO.	
PCT/EP03/00400	
LA. FILING DATE	PRIORITY DATE
01/16/2003	01/17/2002

CONFIRMATION NO. 4911

371 FORMALITIES LETTER



\*OC000000015390053\*

Date Mailed: 03/11/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/19/2004
- Copy of the International Search Report filed on 07/19/2004
- Copy of IPE Report filed on 07/19/2004
- Preliminary Amendments filed on 07/19/2004
- Biochemical Sequence Listing filed on 07/19/2004
- Request for Immediate Examination filed on 07/19/2004
- U.S. Basic National Fees filed on 07/19/2004
- Priority Documents filed on 07/19/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
  - A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e) and PCT Rule 13ter.1(a)(ii).
  - APPLICANT MUST PROVIDE:
    - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
    - A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e),

1.821(f), 1.821(g), 1.825(b) or 1.825(d).

- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
  - For Rules Interpretation, call (703) 308-4216
  - To Purchase PatentIn Software, call (703) 306-2600
  - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/501,814	PCT/EP03/00400	P67564US1

FORM PCT/DO/EO/905 (371 Formalities Notice)